

## **AMENDMENTS TO THE CLAIMS**

1. **(CURRENTLY AMENDED)** A pressure pad comprising at least two sets of alternately inflatable cells, the cells having lengths extending linearly transversely along the pad and held in place on a pad base by retaining means, characterized in that the retaining means **hold the lengths of the cells in tension** **urge the lengths of the cells into a bent shape** across the pad, **the bend being within a plane parallel to the pad**.
2. **(PREVIOUSLY PRESENTED)** A pressure pad as claimed in claim 1 characterised in that the retaining means are releasable.
3. **(CURRENTLY AMENDED)** A pressure pad as claimed in claim 1 characterised in that the retaining means:
  - a. secure the opposite ends of each cell at a predetermined distance from the centre linear axis of the cell, **and**
  - b. **secure a central region of the length of each cell to center the region about the centre linear axis,**  
such that the length of each cell is bent.
4. **(CANCELED)**
5. **(CURRENTLY AMENDED)** A pressure pad as claimed in **claim 4** **claim 3** characterised in that the retaining means comprise loop straps fixed to the pad base retaining the central region of the length of each cell and fasteners releasably retaining each end of the cell to the pad base.

6. **(CURRENTLY AMENDED)** A pressure pad as claimed in ~~claim 2~~ ~~claim 1~~ characterised in that the retaining means ~~secure the opposite ends of each cell at a predetermined distance from are offset at different distances from~~ the centre linear axis of the cell, such that the length of each cell is bent.
7. **(CURRENTLY AMENDED)** A pressure pad as claimed in claim 6 characterised in that the retaining means ~~also~~ secures the central region of the lengths of the cells along the centre linear axis of the cell.
8. **(CURRENTLY AMENDED)** A pressure pad as claimed in ~~claim 7~~ ~~claim 6~~ characterised in that the retaining means comprise loop straps fixed to the pad base retaining the central region of the length of each cell and fasteners releasably retaining each end of the cell to the pad base.

9-15. **(CANCELED)**

16. **(CURRENTLY AMENDED)** A pressure pad including:
  - a. a pad base;
  - b. at least two sets of alternately inflatable cells atop the pad base, the cells having lengths extending between opposing cell ends across the pad base;
  - c. loops extending about the cells and restraining the cells to the pad base, the loops being spaced from the cell ends; and
  - d. fasteners at the cell ends, the fasteners being affixed to the pad base, whereby the cells are held to the pad base;wherein the loops and the fasteners urge the lengths of the cells into nonlinear curved shapes between the loops and the fasteners, with cells being received within the curves of adjacent cells.

17. **(CANCELED)**

18. **(CURRENTLY AMENDED)** The pressure pad of ~~claim 17~~ claim 16 wherein the loops extending about one of the cells have central axes which are offset from a linear axis extending between the fasteners of the cell.

19. **(PREVIOUSLY PRESENTED)** The pressure pad of claim 16 wherein the loops extending about one of the cells have central axes which are offset from a linear axis extending between the fasteners of the cell, the offset extending in a direction oriented at least substantially perpendicularly to the linear axis extending between the fasteners of the cell.

20. **(CANCELED)**

21. **(CURRENTLY AMENDED)** A pressure pad as claimed in ~~claim 3~~ claim 1 wherein the cells are adjacently arrayed such that the bent cells are interfit, with the bend of each cell receiving, and/or being received within, the bend of an adjacent cell.

22. **(CURRENTLY AMENDED)** A pressure pad as claimed in ~~claim 4~~ claim 3 wherein the bends of the cells receive adjacent cells therein.

23. **(PREVIOUSLY PRESENTED)** A pressure pad including:

- a. a pad base;
- b. at least two sets of alternately inflatable cells atop the pad base, the cells having lengths extending across the pad base, wherein the lengths of the cells are restrained:
  - (1) at or near the middles of their lengths, and
  - (2) at or near the ends of their lengths,to bend the lengths of the cells therebetween.

24. **(PREVIOUSLY PRESENTED)** The pressure pad of claim 23 wherein:

- a. the sets of cells have their lengths adjacently arrayed, and
- b. at least some of the cells have adjacent cells situated within their bends.

25. **(NEW)** The pressure pad of claim 23 wherein the bends of the cells rest in a common plane.

26. **(NEW)** The pressure pad of claim 16 wherein the bends of the cells rest in a common plane.

27. **(NEW)** A pressure pad including:

- a. a pad base;
- b. at least two sets of alternately inflatable elongated cells atop the pad base, the cells having lengths extending across the pad base, wherein the cells:
  - (1) curve along their lengths, and
  - (2) are arrayed in interfitting relationship wherein each cell:
    - (a) receives an adjacent cell within its curve, and/or
    - (b) is received within the curve of an adjacent cell.

28. **(NEW)** The pressure pad of claim 27 wherein

- a. the cells are restrained to the pad base in the curved shape, and
- b. the cells assume a different shape when no longer restrained to the pad base.

29. **(NEW)** The pressure pad of claim 27 wherein the curves of the cells are aligned along a common plane.

30. **(NEW)** The pressure pad of claim 29 wherein the pad base is aligned coplanarly with the plane of the curves of the cells.

31. (NEW) The pressure pad of claim 27 wherein:
  - a. each cell has a central portion spaced from the ends of its length, and
  - b. the central portion has a central axis offset from a linear axis extending between the ends.
32. (NEW) The pressure pad of claim 27 wherein:
  - a. each cell has a central portion spaced from the ends of its length;
  - b. the central portion is restrained to the pad base; and
  - c. the central portion is offset from an axis extending between ends of its length.
33. (NEW) The pressure pad of claim 32 wherein the central portion is restrained to the pad base by a loop extending from the pad base about the central portion.